BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Culverts and Improvements to drain at in Ward No. 05 Byatarayanapura Sub Division

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .							
Measurements Taken On :									
		Srirampura Main Road							
0	30		Cum	1	30.00	1.10	1.05	34.65	
30	60		Cum	1	30.00	1.10	1.05	34.65	
60	90		Cum	1	30.00	1.10	1.05	34.65	
90	120		Cum	1	30.00	1.10	1.05	34.65	
120	150		Cum	1	30.00	1.10	1.05	34.65	
150	180		Cum	1	30.00	1.10	1.05	34.65	
180	190		Cum	1	10.00	1.10	1.05	11.55	
		Main road							
0	30		Cum	1	30.00	1.10	1.05	34.65	
30	50		Cum	1	20.00	1.10	1.05	23.10	
		Culvert							
		Telecom Layout							
			Cum	1	8.50	1.50	0.90	11.48	
			Cum	1	9.50	1.50	1.10	15.68	
		Srirampura Main Road							
0	30		Cum	1	30.00	0.90	0.75	20.25	
30	60		Cum	1	30.00	0.90	0.75	20.25	
60	90		Cum	1	30.00	0.90	0.80	21.60	
90	120		Cum	1	30.00	0.90	0.75	20.25	
120	150		Cum	1	30.00	0.90	0.80	21.60	
150	180		Cum	1	30.00	0.90	0.75	20.25	
180	200		Cum	1	20.00	0.90	0.70	12.60	
		Telecom Layout							
0	30		Cum	1	30.00	0.90	0.75	20.25	

461.41

Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

PREMEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
30	60		Cum	1	30.00	0.90	0.80	21.60	
60	79		Cum	1	19.00	0.90	0.75	12.83	
		Over Burden							
		Srirampura Main Road							
			Cum	1	30.00	1.30	0.45	17.55	
			Cum	1	30.00	1.10	0.30	9.90	61.88
							TOTAL	**523.29**	

23/4/22

23/4/22

M. A. [illegible]
Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

PREMEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item No. 02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the direction of Engineer in charge of the work.							
Measurements Taken On :									
		Srirampura Main Road							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	60		Cum	1	30.00	1.10	0.15	4.95	
60	90		Cum	1	30.00	1.10	0.15	4.95	
90	120		Cum	1	30.00	1.10	0.15	4.95	
120	150		Cum	1	30.00	1.10	0.15	4.95	
150	180		Cum	1	30.00	1.10	0.15	4.95	
180	190		Cum	1	10.00	1.10	0.15	1.65	
		Main road							
0	30		Cum	1	30.00	1.10	0.15	4.95	
30	50		Cum	1	20.00	1.10	0.15	3.30	
		Culvert							
		Telecom Layout							
			Cum	1	8.50	1.50	0.15	1.91	
			Cum	1	9.50	1.50	0.15	2.14	
							TOTAL	43.65	

Contractor

24/4/22
Assistant Engineer

24/4/2022
Assistant Executive Engineer

Scanned by CamScanner

PREMEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.03		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.							
Measurements Taken On :									
		Drain	Tonne	From Calculation Sheeet				4.87	✓
		Coping	Tonne	From Calculation Sheeet				0.98	✓
		Culvert	Tonne	From Calculation Sheeet				0.85	✓
							TOTAL	**6.70**	✓

Contractor

Assistant Engineer

Assistant Executive Engineer

Scanned by CamScanner

(Ward No 05)

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Construction of Culverts and Improvements to drain at in Ward No. 05 Byatarayanapura Sub

Division

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.03	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.								
Measurements Taken On;									
	Present Bill Measurements								
	For RCC Drain								
	Srirampura Main Road								
	Main Bars (#10@130 c/c)	1	10	1462	1462	2.70	3947.40	0.62	2447.39
	Distribution(19-#8)	1	8	19	19	190.00	3610.00	0.39	1407.90
	Main road								
	Main Bars (#10@130 c/c)	1	10	385	385	2.70	1039.50	0.62	644.49
	Distribution(19-#8)	1	8	19	19	50.00	950.00	0.39	370.50
								QTY IN KG'S	**4870.28**
								QTY IN TONNE	**4.87**
	Copping Concrete								
	Srirampura Main Road								
	Main Bars (#10@160 c/c)	2	10	1250	2500	0.25	625.00	0.62	387.50
	Distribution(2-#8)	2	8	2	4	200.00	800.00	0.39	312.00
	RHS								
	Main Bars (#10@160 c/c)	2	10	494	988	0.25	247.00	0.62	153.14
	Distribution(2-#8)	2	8	2	4	79.00	316.00	0.39	123.24
								QTY IN KG'S	**975.88**
								QTY IN TONNE	**0.98**
	For Culvert								
	Telecom Layout								
	12# @140 c/c main bars	1	12	61	61	4.70	286.70	0.89	255.16
	10# @170 c/c Distrubution bars	1	10	28	28	8.50	238.00	0.62	147.56

402.72

M.S. Enterprises
Contactor

Assistant Engineer

Assistant exicutive Engineer

Scanned by CamScanner

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
	12# @140 c/c main bars	1	12	68	68	4.70	319.60	0.89	284.44
	10# @170 c/c Distrubution bars	1	10	28	28	9.50	266.00	0.62	164.92
							QTY IN KG'S		852.08
							QTY IN TONNE		0.85
							TOTAL QTY IN KG'S		6698.24
							TOTAL QTY IN TONNE		6.70

25/4/22

25/4/2022

Contactor

Assistant Engineer

Assistant exicutive Engineer

Scanned by CamScanner